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1631

December 2, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Re: U.S. Patent Application No.: 10/017721  
For: *Diagnosis And Treatment Of Vascular Disease*  
Inventor: McCarthy, Jeanette *et al.*  
Filed: December 14, 2001  
Our Ref. No.: MMI-003

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Supplemental Information Disclosure Statement;
2. Copy of International Search Report;
3. PTO Form SB/08;
4. Copy of the publications cited in PTO Form SB/08 (9); and
5. A Return Postcard.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

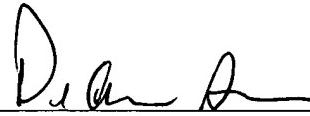
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December 2, 2003

Date

  
DeAnn F. Smith, Esq., Registration No. 36,683

Respectfully submitted,  
LAHIVE & COCKFIELD, LLP

  
DeAnn F. Smith, Esq.  
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Attorney for Applicants

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re the application of: McCarthy, Jeanette *et al.*

Serial No.: 10/017721

Filed: December 14, 2001

For: *Diagnosis and Treatment of Vascular Disease*

Attorney Docket No.: MMI-003

Group Art Unit: 1631

Examiner: Carolyn L. Smith

Confirmation No.: 5317

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Certificate of First Class Mailing (37 CFR §1.8(a))

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Date of Signature and of Mail Deposit

By:

DeAnn F. Smith, Esq.  
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Attorney for Applicants

INFORMATION DISCLOSURE STATEMENT

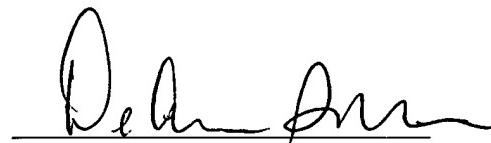
Dear Sir:

Applicants and their Attorney are aware of the following publications and information, listed on the attached PTO Form SB/08, and in accordance with 37 CFR §1.97 hereby submit these publications for the Examiner's consideration. Reference ID Nos. A1-A6 were cited in an International Search Report during the prosecution of PCT/US02/28281 dated August 14, 2003 which corresponds to the above referenced application. A copy of the report and each cited publication is enclosed.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, Applicants understand that the Examiner will make an independent evaluation of the cited publications.

Under 37 C.F.R. § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR §1.17(p) to our Deposit Order Account No. 12-0080.

Respectfully submitted,  
LAHIVE & COCKFIELD, LLP

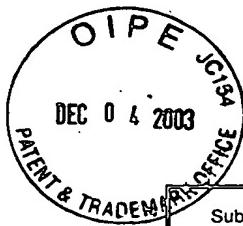


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Date: December 2, 2003

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Enclosures



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Substitute for form 1449A/B/PTO

**Complete if Known**

Application Number	10/017721		
Filing Date	December 14, 2001		
First Named Inventor	McCarthy, Jeanette et al.		
Art Unit	1631		
Examiner Name	Carolyn L. Smith		
Sheet	1	of	1
		Attorney Docket Number	MMI-003

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A1		6,645,620 B1	10-15-2003	Boyle et al.	
A2		6,484,183 B1	11-19-2002	Balaban et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
A3		BOCKXMEER et al., "Angiotensin-Converting Enzyme Gene Polymorphism and Premature Coronary Heart Disease," <i>Clinical Science</i> (2000) vol. 99, pages 247-251	
A4		KANAZAWA et al., "Deletion Polymorphisms in the Angiotensin Converting Enzyme Gene are Associated with Pulmonary Hypertension Evoked by Exercise Challenge in Patients with Chronic Obstructive Pulmonary Disease," <i>Am J Respir Crit Care Med</i> (2000) vol. 162, pages 1235-1238	
A5		BAUMANN et al., "Linkage Disequilibrium Relationships Among Four Polymorphisms within the Human Fibrinogen Gene Cluster," <i>Human Genetics</i> , August 1994, vol. 94, no. 2, pages 165-170	
A6		FONTANINI et al., "Thrombospondins I and II Messenger RNA Expression in Lung Carcinoma: Relationship with p53 Alterations, Angiogenic Growth Factors, and Vascular Density," <i>Clinical Cancer Research</i> , January 1999, vol. 5, pages 155-161	
A7		ROSS, "The pathogenesis of atherosclerosis: a perspective for the 1990s," <i>Nature</i> . April 1993, vol. 362(6423), pages 801-9	
A8		MARENBERG et al., Genetic susceptibility to death from coronary heart disease in a study of twins," <i>N. Engl. J. Med.</i> April 1994, vol. 330(15), pages 1041-6	
A9		CARGILL et al., "Characterization of single-nucleotide polymorphisms in coding regions of human genes," <i>Nat. Genet.</i> July 1999, vol. 22(3), pages 231-8	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
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